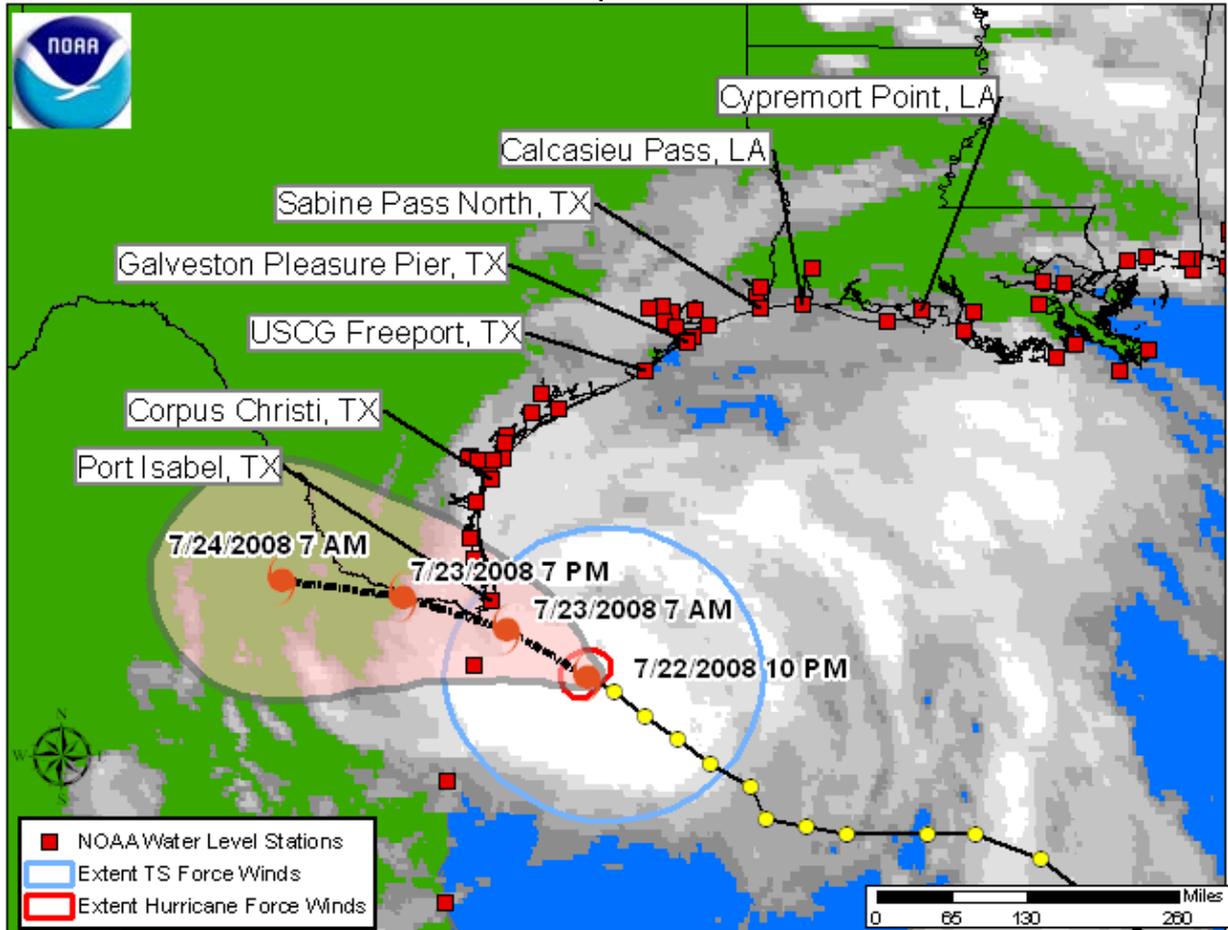




Hurricane DOLLY QuickLook
Posted: 23:00 CDT 07/22/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/22/2008 23:00 CDT, water levels along the Gulf Coast are rising and range between 1.0 to 2.0 feet above predicted. Barometric pressure continues to fall.

The next QuickLook will be issued at 05:00 CDT on July 23, 2008.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tide is 0.90 ft (0.27 m) on 07/23/2008 at 07:25 CDT.

Corpus Christi, TX: Next predicted high tide is 1.12 ft (0.34 m) on 07/23/2008 at 07:15 CDT.

USCG Freeport, TX: Next predicted high tide is 1.28 ft (0.39 m) on 07/23/2008 at 07:30 CDT.

Galveston Pleasure pier, TX: Next predicted high tide is 1.50 ft (0.46 m) on 07/23/2008 at 06:59 CDT.

Sabine Pass North: Next predicted high tide is 1.30 ft (0.40 m) on 07/23/2008 at 07:14 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.60 ft (0.49 m) on 07/23/2008 at 06:18 CDT.

Cypremort Point, LA: Next predicted high tide is 1.20 ft (0.37 m) on 07/23/2008 at 10:03 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: CMM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE DOLLY ADVISORY NUMBER 11

...DOLLY A LITTLE STRONGER...MOVING A LITTLE SLOWER...

A HURRICANE WARNING REMAINS IN EFFECT FOR THE COAST OF TEXAS FROM BROWNSVILLE TO CORPUS CHRISTI AND FOR THE NORTHEASTERN COAST OF MEXICO FROM RIO SAN FERNANDO NORTHWARD TO THE BORDER BETWEEN MEXICO AND THE UNITED STATES. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM NORTH OF CORPUS CHRISTI TO SAN LUIS PASS.

AT 1000 PM CDT THE CENTER OF HURRICANE DOLLY WAS LOCATED NEAR LATITUDE 25.1 NORTH, LONGITUDE 96.0 WEST OR ABOUT 110 MILES EAST-SOUTHEAST OF BROWNSVILLE TEXAS.

DOLLY IS MOVING TOWARD THE NORTHWEST NEAR 9 MPH. A FURTHER REDUCTION IN FORWARD SPEED IS EXPECTED ON WEDNESDAY. ON THE FORECAST TRACK, THE CENTER OF DOLLY WILL BE ALONG THE COAST NEAR THE TEXAS/MEXICO BORDER AROUND MIDDAY WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. DOLLY IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME ADDITIONAL STRENGTHENING IS EXPECTED PRIOR TO LANDFALL.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 25 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES. TROPICAL STORM FORCE WINDS SHOULD BEGIN TO REACH THE COASTLINE WITHIN THE NEXT FEW HOURS.

MINIMUM CENTRAL PRESSURE ESTIMATED FROM AIRCRAFT RECONNAISSANCE DATA IS

981 MB.

DOLLY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 6 TO 10 INCHES WITH ISOLATED AMOUNTS OF 15 INCHES OVER PORTIONS OF SOUTH TEXAS AND NORTHEASTERN MEXICO OVER THE NEXT FEW DAYS.

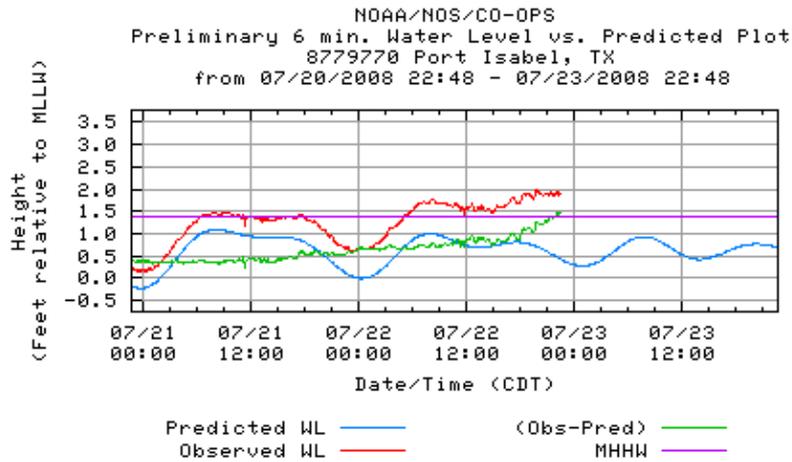
COASTAL STORM SURGE FLOODING OF 4 TO 6 FEET ABOVE NORMAL TIDE LEVELS, ALONG WITH LARGE AND DANGEROUS BATTERING WAVES, CAN BE EXPECTED NEAR AND TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.

FORECASTER FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

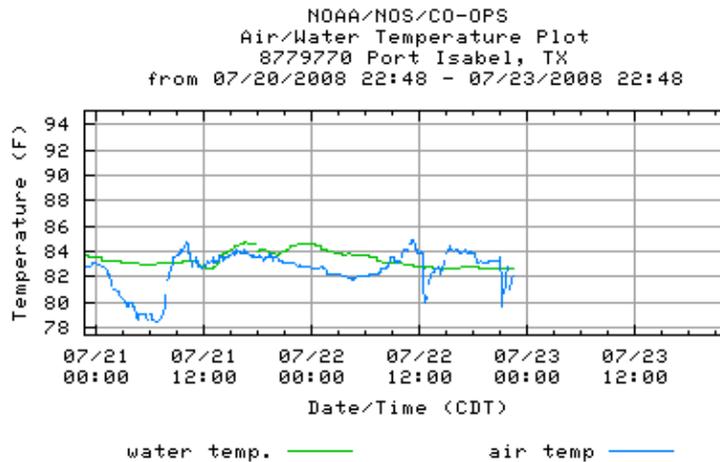
Jump to: [Port Isabel - Water Level](#), [Port Isabel - Air/Water Temp](#), [Port Isabel - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Air/Water Temp](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Air/Water Temp](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Cypremort Point - Water Level](#),

Port Isabel, TX - Station Map [Return to List](#)



Last Observed Sample: 07/22/2008 22:30 (CDT)
Relative to **MLLW**: **Observed: 1.91 ft. Predicted: 0.44 ft. Residual: 1.47 ft.**
Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

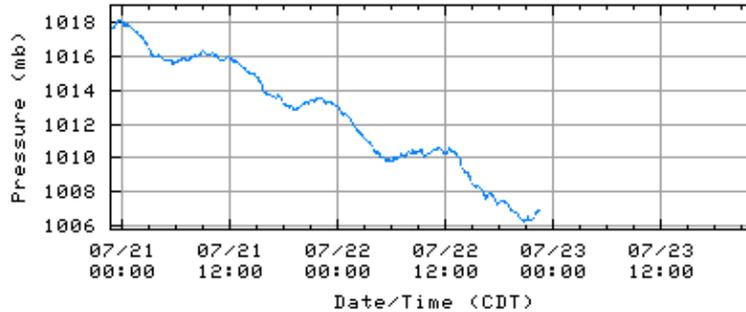
Port Isabel, TX - Station Map [Return to List](#)



Last Observed Sample: 07/22/2008 22:30 (CDT)
Water Temperature: 82.6° F Air Temperature: 82.0° F

Port Isabel, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8779770 Port Isabel, TX
from 07/20/2008 22:48 - 07/23/2008 22:48



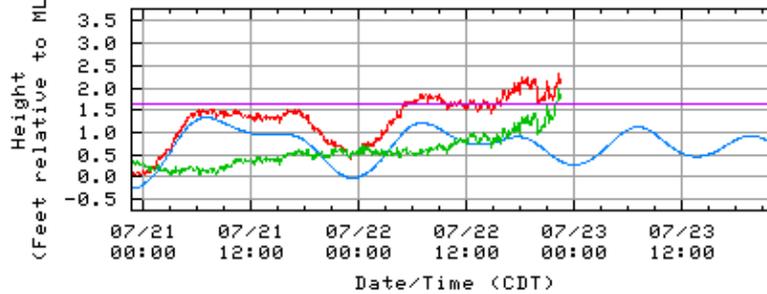
barometric pressure —

Last Observed Sample: 07/22/2008 22:30 (CDT)

Barometric Pressure: 1006.9 mb

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8775870 Corpus Christi, TX
from 07/20/2008 22:48 - 07/23/2008 22:48



Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

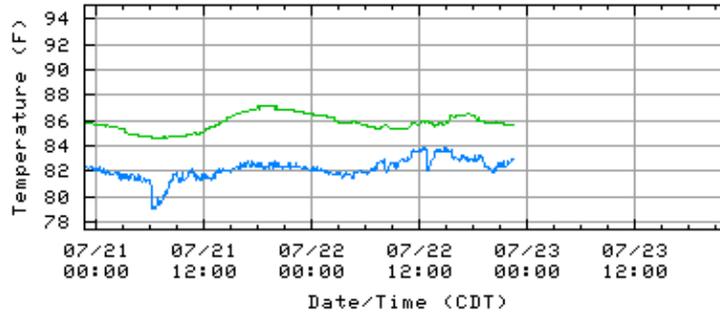
Last Observed Sample: 07/22/2008 22:30 (CDT)

Relative to **MLLW**: Observed: 2.11 ft. Predicted: 0.36 ft. Residual: 1.75 ft.

Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8775870 Corpus Christi, TX
from 07/20/2008 22:48 - 07/23/2008 22:48



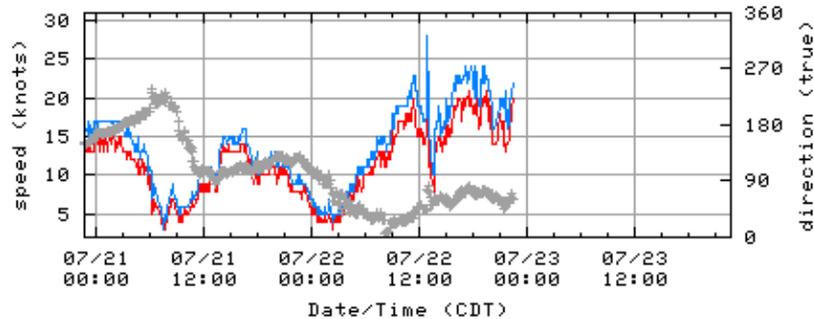
water temp. — air temp. —

Last Observed Sample: 07/22/2008 22:30 (CDT)

Water Temperature: 85.6° F Air Temperature: 82.9° F

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8775870 Corpus Christi, TX
from 07/20/2008 22:48 - 07/23/2008 22:48

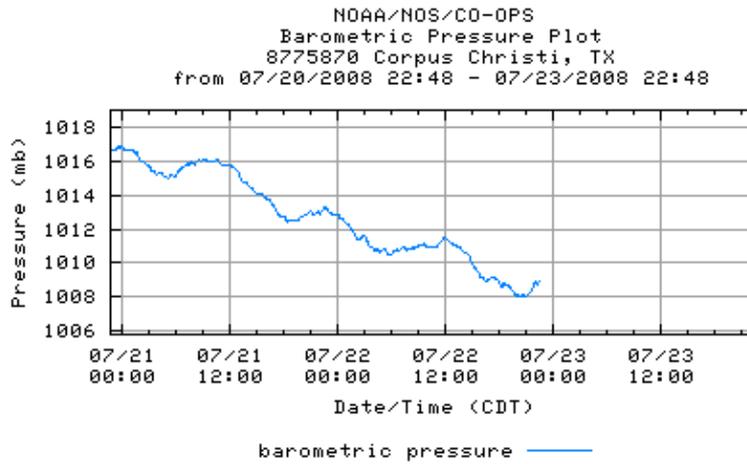


speed — gusts — direction +

Last Observed Sample: 07/22/2008 22:30 (CDT)

Wind Speed: 20 knots Gusts: 22 knots Direction: 062° T

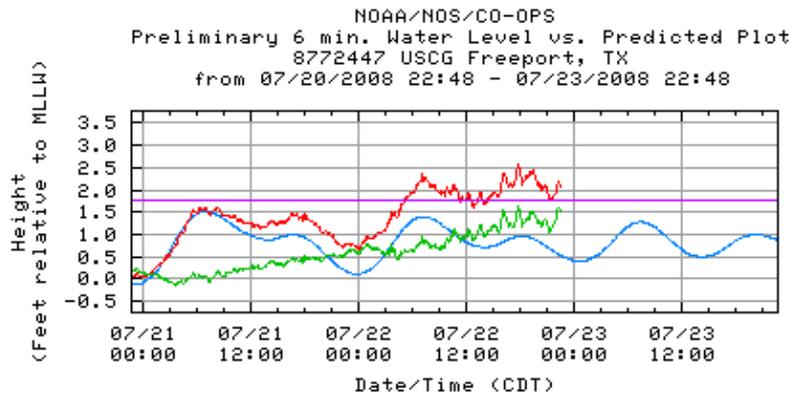
Corpus Christi, TX - Station Map [Return to List](#)



Last Observed Sample: 07/22/2008 22:30 (CDT)

Barometric Pressure: 1008.9 mb

USCG Freeport, TX - Station Map [Return to List](#)



Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

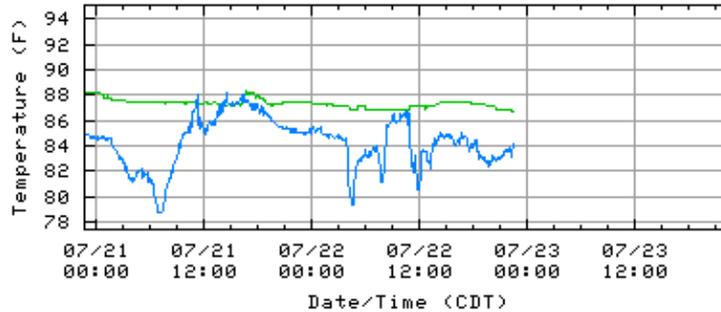
Last Observed Sample: 07/22/2008 22:30 (CDT)

Relative to **MLLW**: Observed: 2.06 ft. Predicted: 0.54 ft. Residual: 1.52 ft.

Historical Maximum Water Level: n/a

USCG Freeport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8772447 USCG Freeport, TX
from 07/20/2008 22:48 - 07/23/2008 22:48



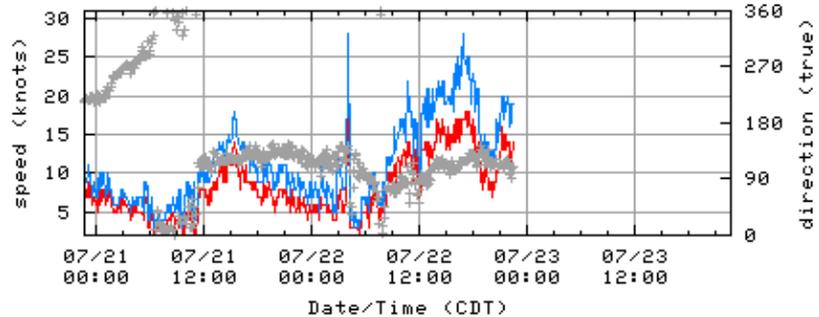
water temp. — air temp —

Last Observed Sample: 07/22/2008 22:30 (CDT)

Water Temperature: 86.7° F Air Temperature: 84.2° F

USCG Freeport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8772447 USCG Freeport, TX
from 07/20/2008 22:48 - 07/23/2008 22:48

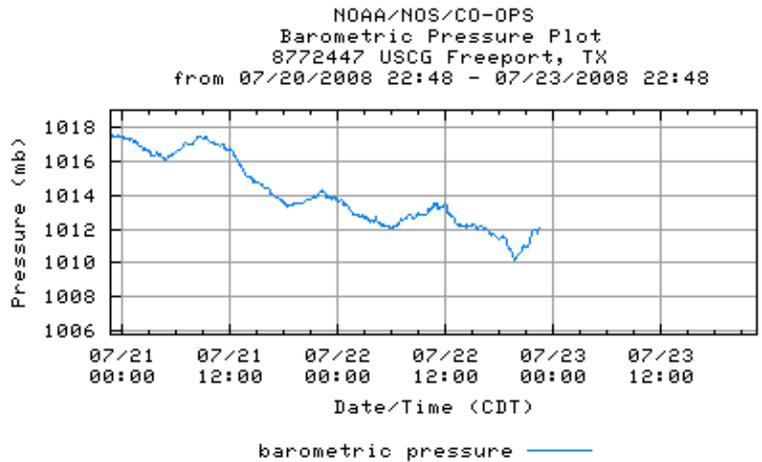


speed — gusts — direction +

Last Observed Sample: 07/22/2008 22:30 (CDT)

Wind Speed: 14 knots Gusts: 19 knots Direction: 111° T

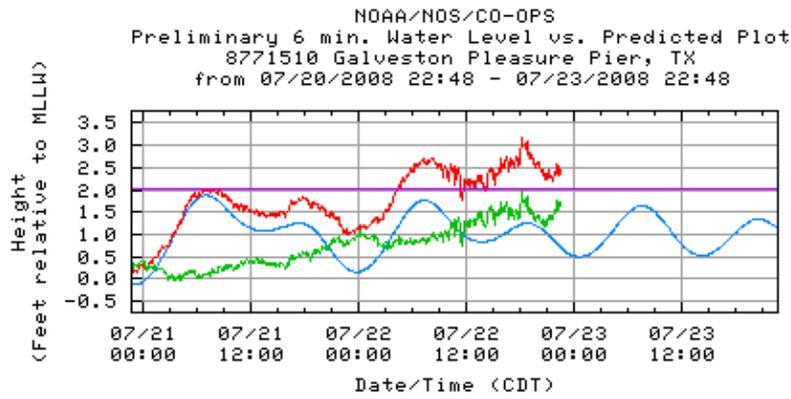
USCG Freeport, TX - Station Map [Return to List](#)



Last Observed Sample: 07/22/2008 22:30 (CDT)

Barometric Pressure: 1012.1 mb

Galveston Pleasure Pier, TX - Station Map [Return to List](#)

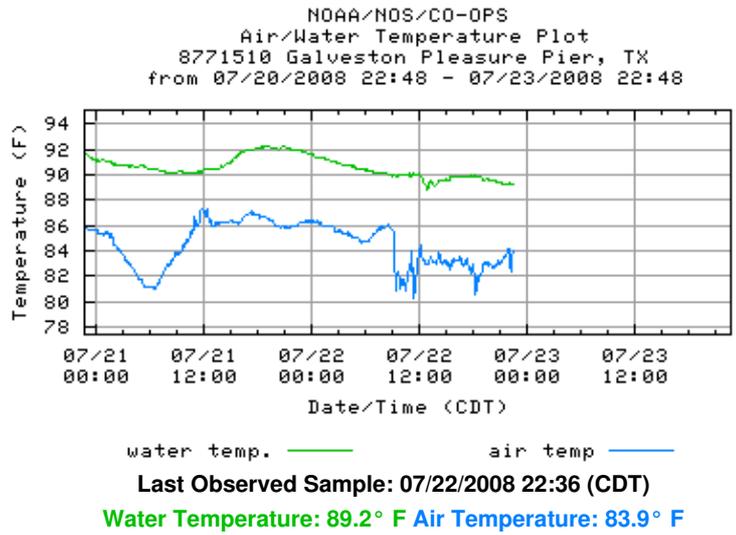


Last Observed Sample: 07/22/2008 22:36 (CDT)

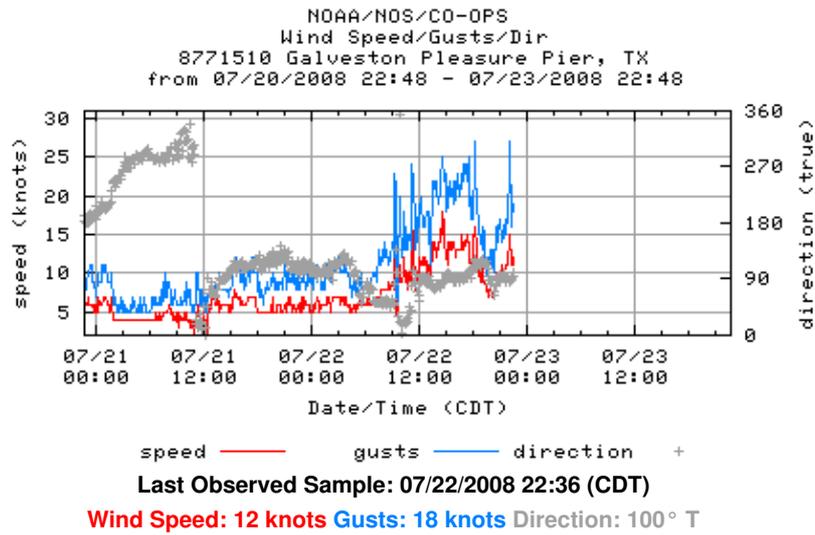
Relative to **MLLW**: Observed: 2.38 ft. Predicted: 0.71 ft. Residual: 1.67 ft.

Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

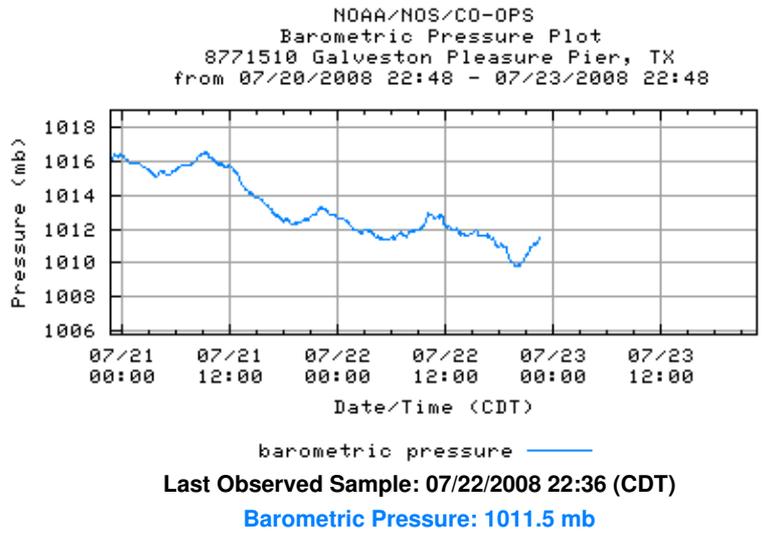
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



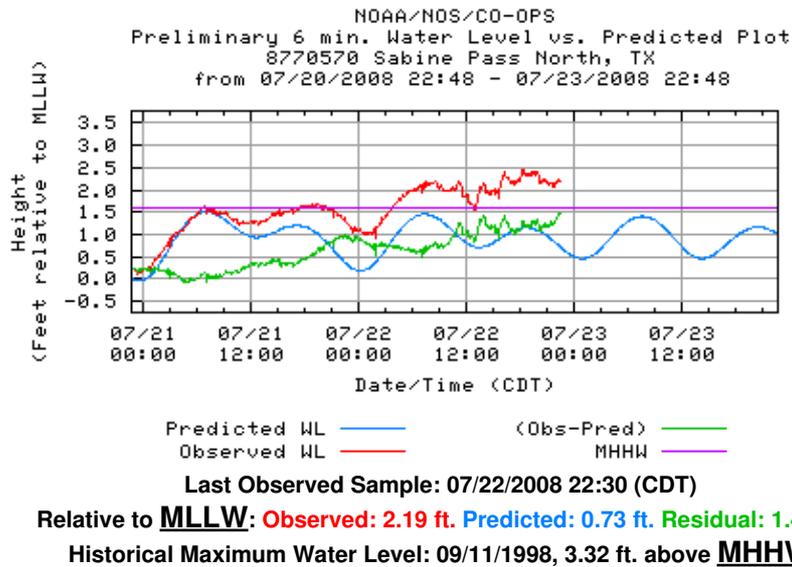
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Galveston Pleasure Pier, TX - Station Map [Return to List](#)

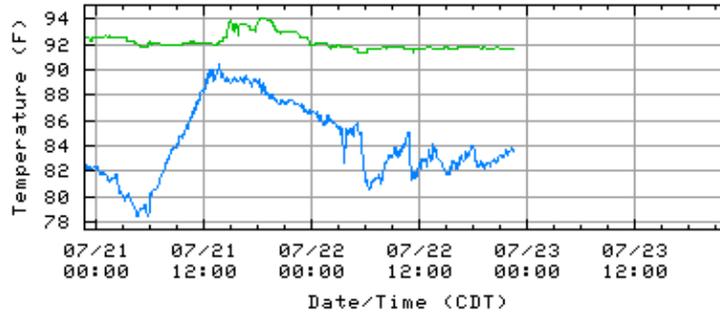


Sabine Pass North, TX - Station Map [Return to List](#)



Sabine Pass North, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8770570 Sabine Pass North, TX
from 07/20/2008 22:48 - 07/23/2008 22:48



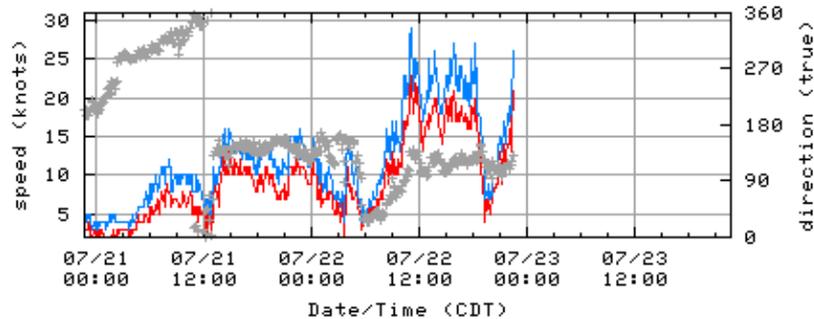
water temp. — air temp —

Last Observed Sample: 07/22/2008 22:30 (CDT)

Water Temperature: 91.6° F Air Temperature: 83.5° F

Sabine Pass North, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8770570 Sabine Pass North, TX
from 07/20/2008 22:48 - 07/23/2008 22:48

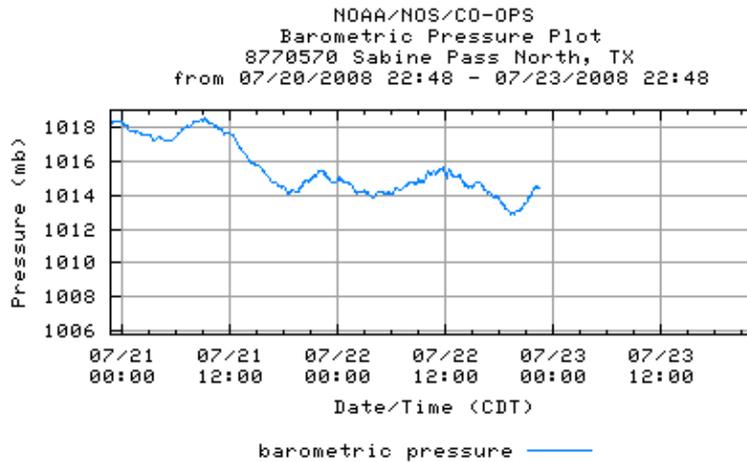


speed — gusts — direction +

Last Observed Sample: 07/22/2008 22:30 (CDT)

Wind Speed: 21 knots Gusts: 26 knots Direction: 130° T

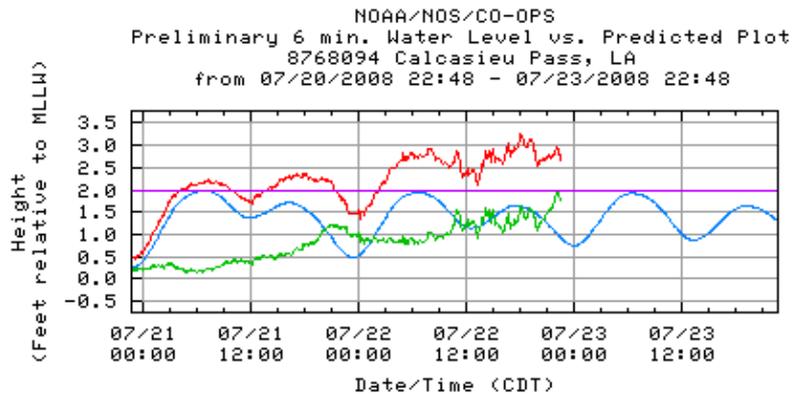
Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 07/22/2008 22:30 (CDT)

Barometric Pressure: 1014.4 mb

Calcasieu Pass, LA - Station Map [Return to List](#)



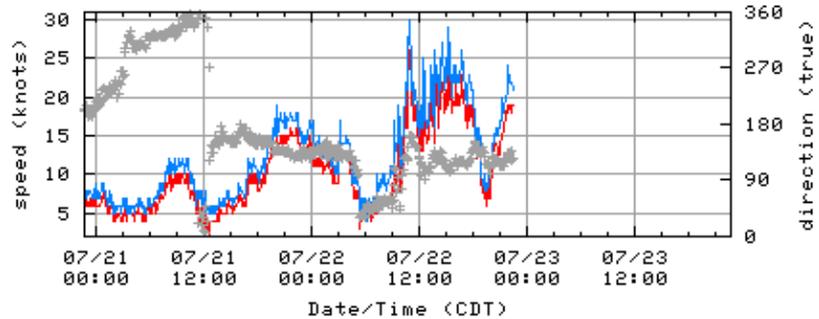
Last Observed Sample: 07/22/2008 22:36 (CDT)

Relative to **MLLW**: Observed: 2.68 ft. Predicted: 0.93 ft. Residual: 1.75 ft.

Historical Maximum Water Level: n/a

Calcasieu Pass, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8768094 Calcasieu Pass, LA
from 07/20/2008 22:48 - 07/23/2008 22:48



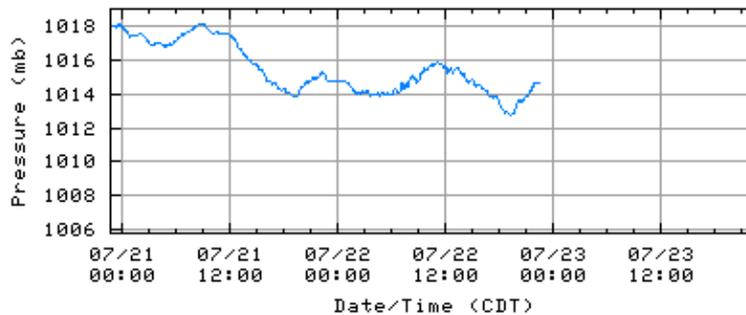
speed — gusts — direction +

Last Observed Sample: 07/22/2008 22:30 (CDT)

Wind Speed: 19 knots Gusts: 21 knots Direction: 124° T

Calcasieu Pass, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8768094 Calcasieu Pass, LA
from 07/20/2008 22:48 - 07/23/2008 22:48



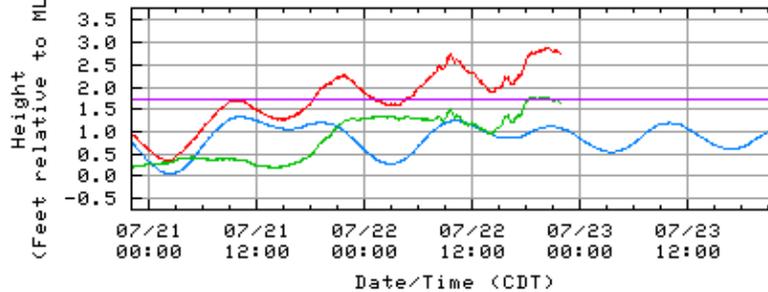
barometric pressure —

Last Observed Sample: 07/22/2008 22:30 (CDT)

Barometric Pressure: 1014.6 mb

Cypremort Point, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8765251 Cypremort Point, LA
from 07/20/2008 22:06 - 07/23/2008 22:06



Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/22/2008 21:48 (CDT)

Relative to **MLLW**: **Observed: 2.73 ft. Predicted: 1.09 ft. Residual: 1.64 ft.**

Historical Maximum Water Level: n/a

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce